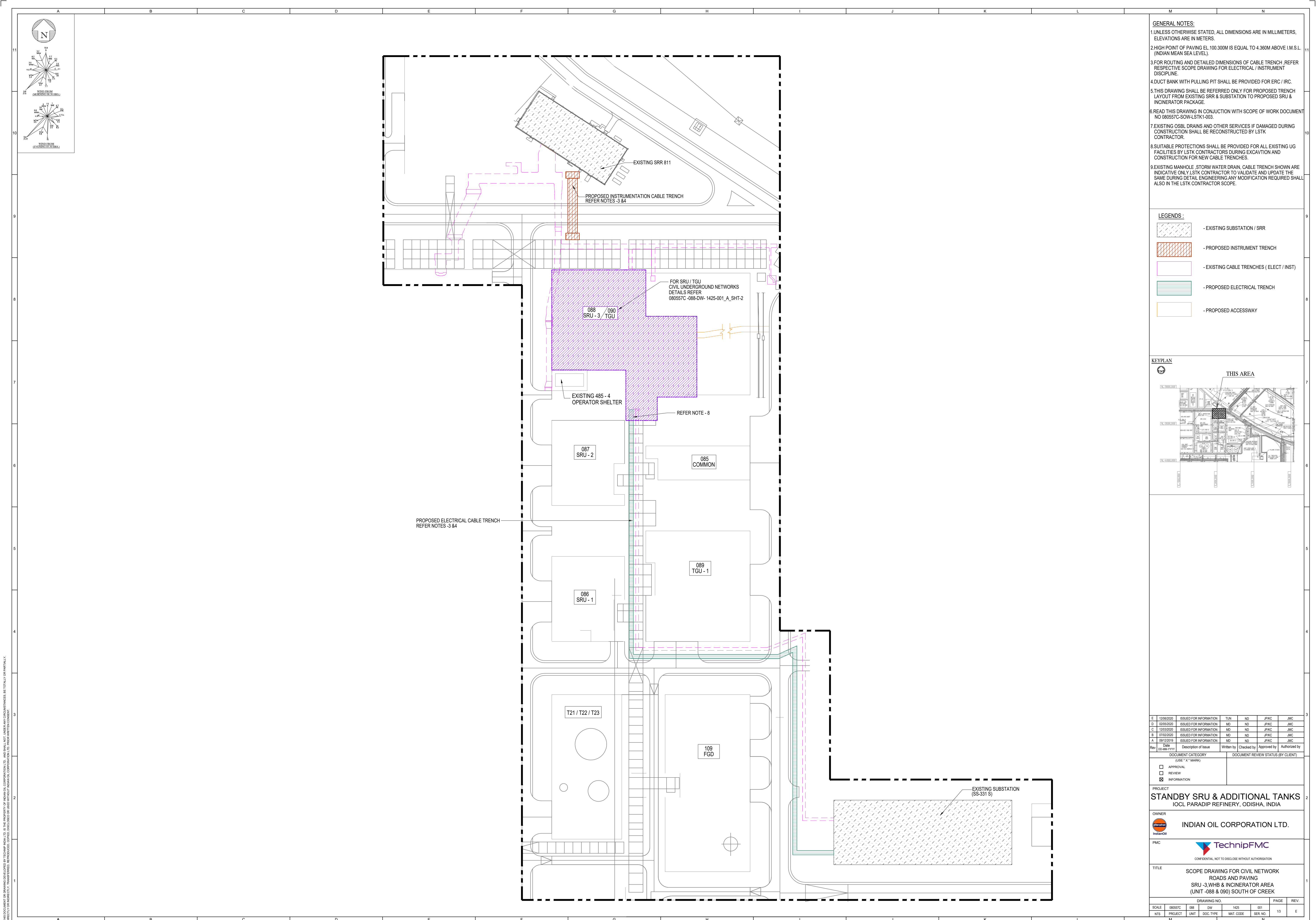
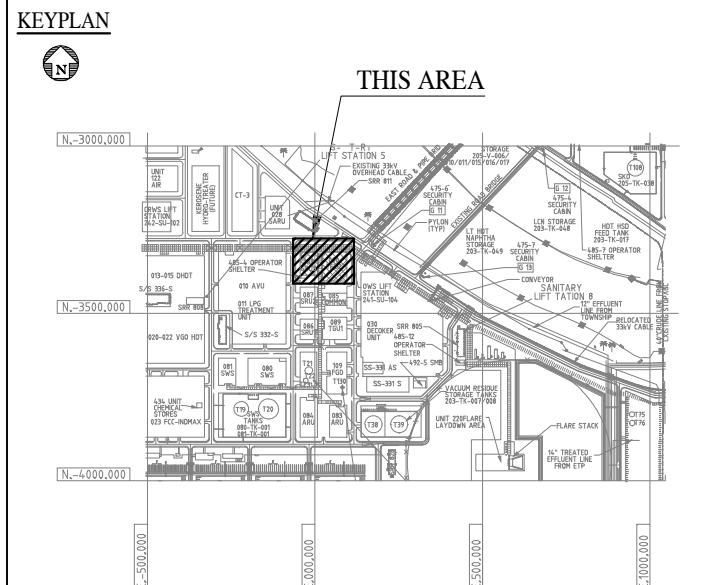




THIS DOCUMENT IS PREPARED BY THE ENGINEER, L. S. S. & COMPANY, PVT. LTD., 10/1, PLOT NO. 10/1, SECTOR-10, INDUSTRIAL AREA, PHASE-II, GATEWAY, BILASPUR, CHHATTISGARH. IT IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF L. S. S. & COMPANY, PVT. LTD. ANY REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN CONSENT OF L. S. S. & COMPANY, PVT. LTD., IS STRICTLY PROHIBITED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND INFORMATION PROVIDED HEREIN. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND INFORMATION PROVIDED HEREIN.

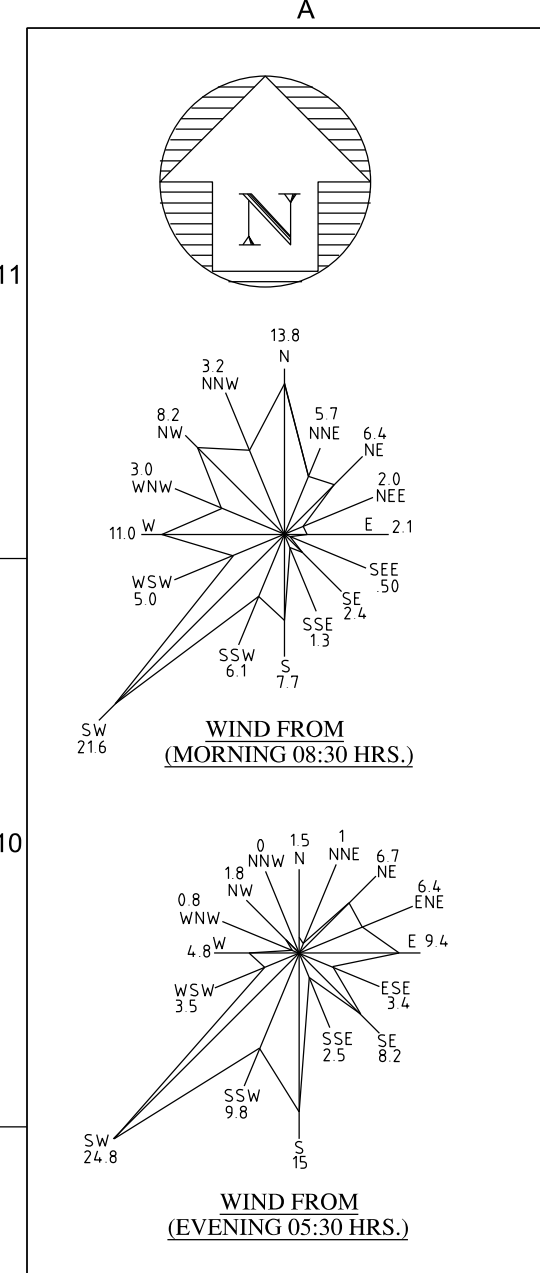
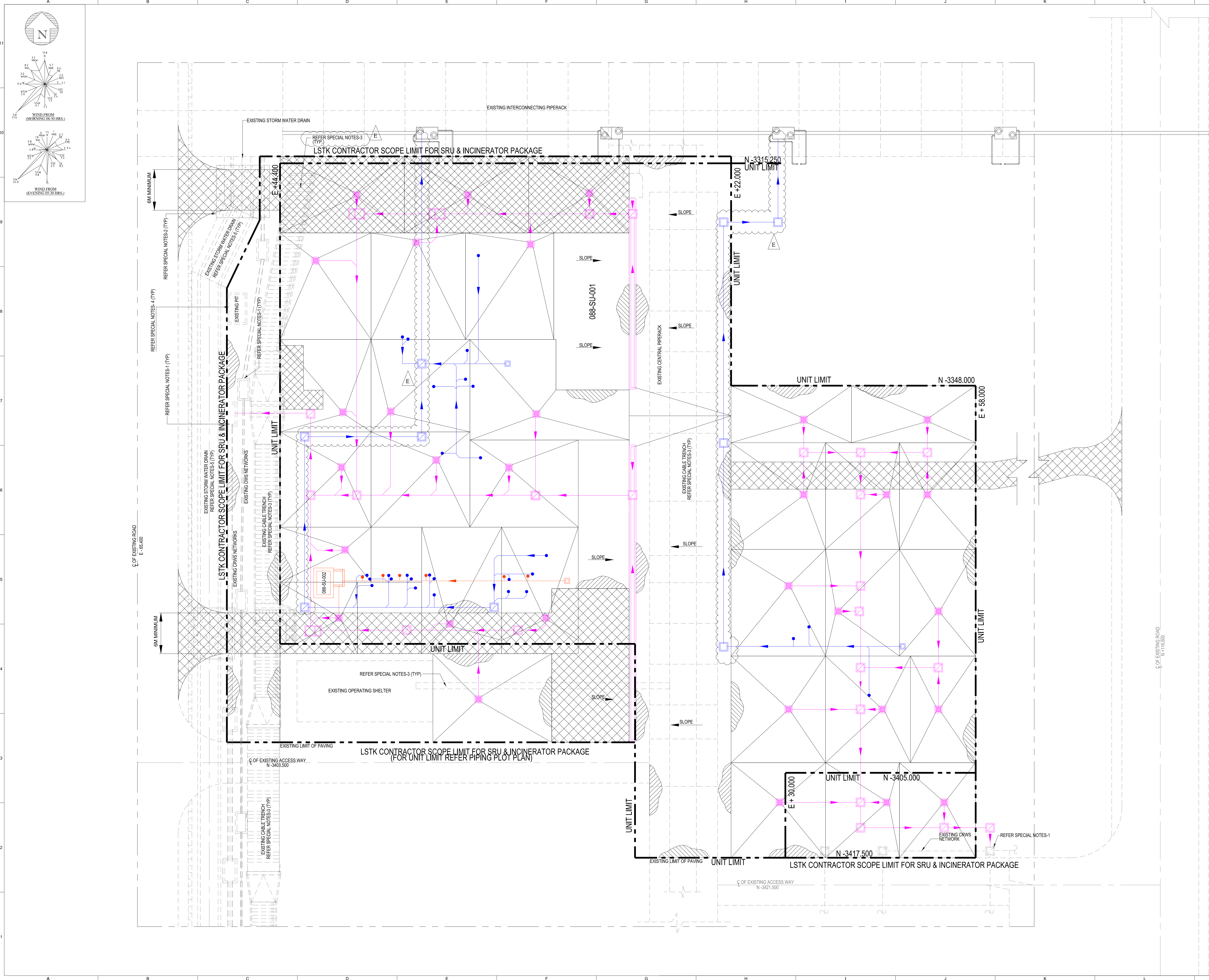


- GENERAL NOTES:**
1. UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS.
 2. HIGH POINT OF PAVING EL. 100.300M IS EQUAL TO 4.360M ABOVE I.M.S.L. (INDIAN MEAN SEA LEVEL).
 3. FOR ROUTING AND DETAILED DIMENSIONS OF CABLE TRENCH, REFER RESPECTIVE SCOPE DRAWING FOR ELECTRICAL / INSTRUMENT DISCIPLINE.
 4. DUCT BANK WITH PULLING PIT SHALL BE PROVIDED FOR ERC / IRC.
 5. THIS DRAWING SHALL BE REFERRED ONLY FOR PROPOSED TRENCH LAYOUT FROM EXISTING SRR & SUBSTATION TO PROPOSED SRU & INCINERATOR PACKAGE.
 6. READ THIS DRAWING IN CONJUNCTION WITH SCOPE OF WORK DOCUMENT NO 080557C-SOW-LSTK1-003.
 7. EXISTING OSBL DRAINS AND OTHER SERVICES IF DAMAGED DURING CONSTRUCTION SHALL BE RECONSTRUCTED BY LSTK CONTRACTOR.
 8. SUITABLE PROTECTIONS SHALL BE PROVIDED FOR ALL EXISTING UG FACILITIES BY LSTK CONTRACTORS DURING EXCAVATION AND CONSTRUCTION FOR NEW CABLE TRENCHES.
 9. EXISTING MANHOLE, STORM WATER DRAIN, CABLE TRENCH SHOWN ARE INDICATIVE ONLY. LSTK CONTRACTOR TO VALIDATE AND UPDATE THE SAME DURING DETAIL ENGINEERING. ANY MODIFICATION REQUIRED SHALL ALSO IN THE LSTK CONTRACTOR SCOPE.

- LEGENDS :**
- EXISTING SUBSTATION / SRR
 - PROPOSED INSTRUMENT TRENCH
 - EXISTING CABLE TRENCHES (ELECT / INST)
 - PROPOSED ELECTRICAL TRENCH
 - PROPOSED ACCESSWAY



E	12/06/2020	ISSUED FOR INFORMATION	TUN	ND	JPRAC	JMC
D	02/05/2020	ISSUED FOR INFORMATION	MD	ND	JPRAC	JMC
C	12/03/2020	ISSUED FOR INFORMATION	MD	ND	JPRAC	JMC
B	07/02/2020	ISSUED FOR INFORMATION	MD	ND	JPRAC	JMC
A	09/12/2019	ISSUED FOR INFORMATION	MD	ND	JPRAC	JMC
Rev	Date	Description of Issue	Written by	Checked by	Approved by	Authorized by
DOCUMENT CATEGORY			DOCUMENT REVIEW STATUS (BY CLIENT)			
(USE "X" MARK)						
<input type="checkbox"/> APPROVAL						
<input type="checkbox"/> REVIEW						
<input checked="" type="checkbox"/> INFORMATION						
PROJECT						
STANDBY SRU & ADDITIONAL TANKS						
IOCL PARADIP REFINERY, ODISHA, INDIA						
OWNER						
 INDIAN OIL CORPORATION LTD.						
PMC						
 TechnipFMC						
CONFIDENTIAL, NOT TO DISCLOSE WITHOUT AUTHORIZATION						
TITLE						
SCOPE DRAWING FOR CIVIL NETWORK						
ROADS AND PAVING						
SRU -3,WHB & INCINERATOR AREA						
(UNIT-088 & 090) SOUTH OF CREEK						
DRAWING NO.						
SCALE	080557C	088	DW	1025	001	PAGE
NTS	PROJECT	UNIT	DOC. TYPE	MAT. CODE	SER. NO.	REV.
					13	E



REFERENCE DOCUMENTS / DRAWINGS

DRAWING NO	DRAWING TITLE
080557C-088-DW-0051-001	UNIT PLOT PLAN
PDRP4200-8230-03-600-0002-A12	OVERALL SITE PLAN

GENERAL NOTES:

- UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS.
- HIGH POINT OF PAVING EL.100.300M IS EQUAL TO 4.360M ABOVE I.M.S.L. (INDIAN MEAN SEA LEVEL).
- REFER PLOT PLAN OF SRU FOR MORE DETAILS OF UNIT BATTERY LIMIT CONDITIONS AND PLOT DETAILS.
- ENTIRE AREA WITHIN LSTK CONTRACTOR SCOPE SHALL BE PAVED, SUITABLE ISOLATION JOINT TO BE PROVIDED BETWEEN EXISTING & NEW PAVING.
- THIS DRAWING SHALL BE REFERRED AS THE SCHEMATIC LAYOUT TO UNDERSTAND THE SCOPE OF WORK FOR PAVING AND UG NETWORKS. LSTK CONTRACTOR TO DEVELOPE DETAIL CONSTRUCTION DRAWING.
- ENTIRE WORK SHALL BE EXECUTED AS PER BID DOCUMENT. NO DEVIATION IS ACCEPTABLE.
- FOR PAVING DETAILS REFER CONSTRUCTION STANDARD 080557C-000-1D-1490-001.
- EXISTING OSBL DRAINS AND OTHER SERVICES IF DAMAGED DURING CONSTRUCTION SHALL BE RECONSTRUCTED BY LSTK CONTRACTOR.

SPECIAL NOTES:

- CRWS / OWS NETWORK SHOWN IS INDICATIVE ONLY. LSTK CONTRACTOR HAS TO DESIGN THE SEWER NETWORKS DURING DETAIL ENGINEERING. THE SEWER NETWORK SHALL BE CONNECTED TO THE EXISTING MANHOLE.
- HEAVY DUTY CONCRETE SLABS SHALL BE PROVIDED OVER STORM WATER DRAIN AT ROAD CROSSING FOR CRANE ACCESS.
- EXISTING TRENCH COVER SLAB LEVEL SHALL BE MODIFIED TO MATCH WITH PROPOSED PAVING ELEVATION-ALSO TRENCH COVER SHALL BE (DESIGNED FOR TRAFFIC LOAD IN CRANE ACCESS WAY).
- EXISTING PIT TOP SHALL BE MIN 150MM ABOVE THE PAVING LEVEL. IF REQUIRED WALL HEIGHT SHALL BE RAISED HANDRAIL TO USING CHEMICAL BOLTS BE PROVIDED ALL AROUND THE PITS.
- EXISTING STORM WATER DRAIN WALL SHALL BE MIN 300MM ABOVE PAVING LEVEL IN SRU SIDE IF REQUIRED WALL HEIGHT SHALL BE RAISED ALSO HANDRAIL SHALL BE PROVIDED ALONG THE EXISTING STORM WATER DRAIN.

LEGENDS:

	-200 THK CONCRETE PAVING (HEAVY DUTY)
	-150 THK CONCRETE PAVING (MEDIUM DUTY)
	- CRWS / AOC NETWORKS
	OWS / COC NETWORKS
	- EXISTING FACILITIES
	- CHEMICAL SEWER NETWORKS
	- CRWS MANHOLE
	- CRWS CATCHBASIN
	- OWS MANHOLE

KEYPLAN

THIS IS TENTATIVE DWG BIDDER IS TO ACQUAINT THEMSELVES WITH THE ACTUAL SITE CONDITIONS, EQ LAYOUT BEFORE GOING AHEAD WITH ENGINEER AND EXECUTION.

THE WORD "LSTK" CONTRACTOR MEANS "SRU" CONTRACTOR.

E	12/06/2020	ISSUED FOR INFORMATION	TUN	ND	JP/KC	JMC
D	02/05/2020	ISSUED FOR INFORMATION	MD	ND	JP/KC	JMC
C	12/03/2020	ISSUED FOR INFORMATION	MD	ND	JP/KC	JMC
B	07/02/2020	ISSUED FOR INFORMATION	MD	ND	JP/KC	JMC
A	08/12/2019	ISSUED FOR INFORMATION	MD	ND	JP/KC	JMC

Rvw	Date	Description of Issue	Written by	Checked by	Approved by	Authorised by
DO/MM/YYYY						

DOCUMENT CATEGORY	DOCUMENT REVIEW STATUS (BY CLIENT)
<input type="checkbox"/> APPROVAL	
<input type="checkbox"/> REVIEW	
<input checked="" type="checkbox"/> INFORMATION	

PROJECT

STANDBY SRU & ADDITIONAL TANKS

IOCL PARADIP REFINERY, ODISHA, INDIA

OWNER

INDIAN OIL CORPORATION LTD.

PMC

TechnipFMC

CONFIDENTIAL NOT TO DISCLOSE WITHOUT AUTHORIZATION

TITLE

SCOPE DRAWING FOR CIVIL NETWORK

ROADS AND PAVING

SRU -3,WHB & INCINERATOR AREA

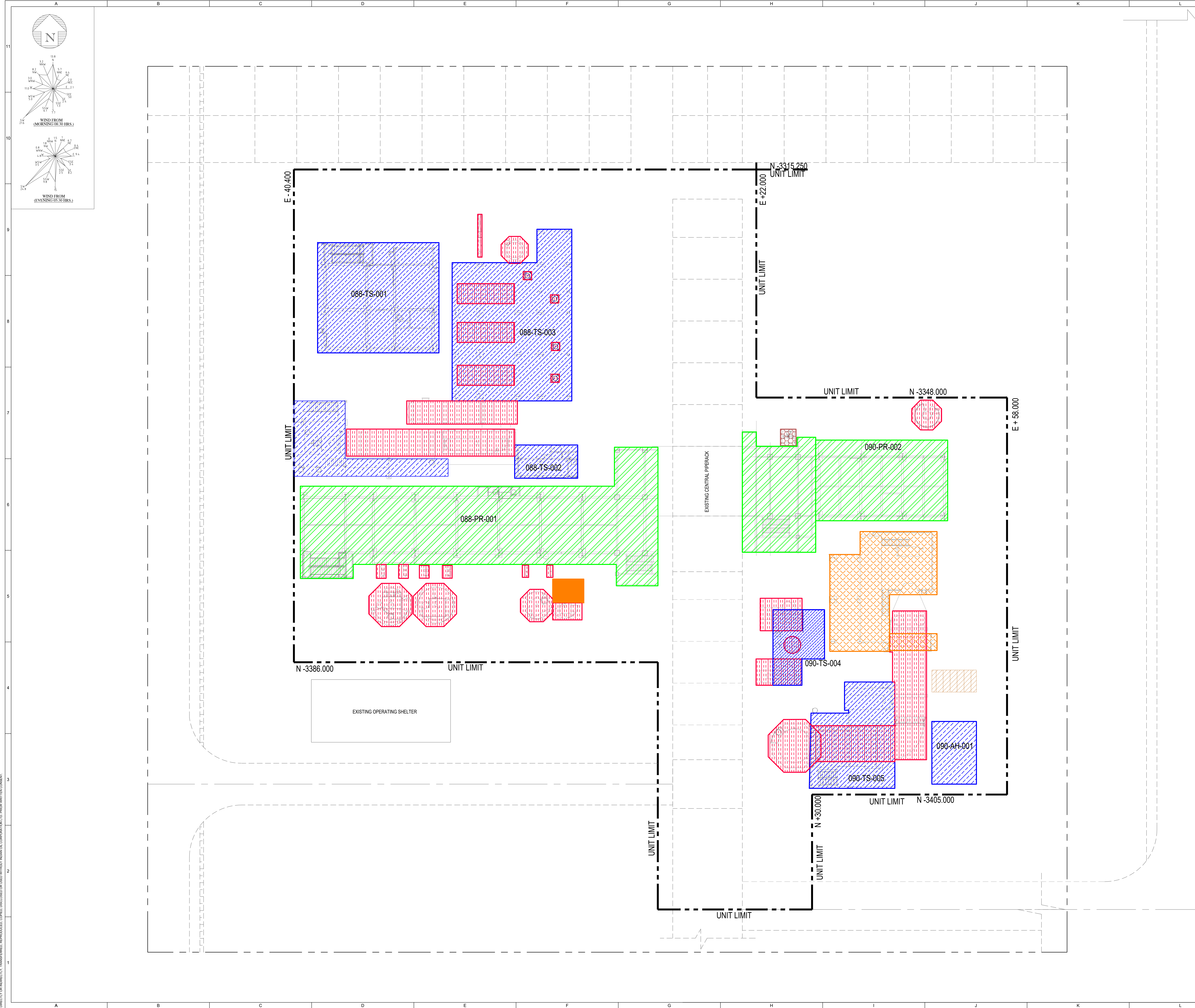
(UNIT -088 & 090) SOUTH OF CREEK

SCALE	DRAWING NO.	PAGE	REV.				
080557C	088	DW	1425	001			
NTS	PROJECT	UNIT	DOC. TYPE	MAT. CODE	SER. NO.	2/3	E

CAD FILE NAME: . 080557C-088-DW-1425-001_E_SHT -2.DWG

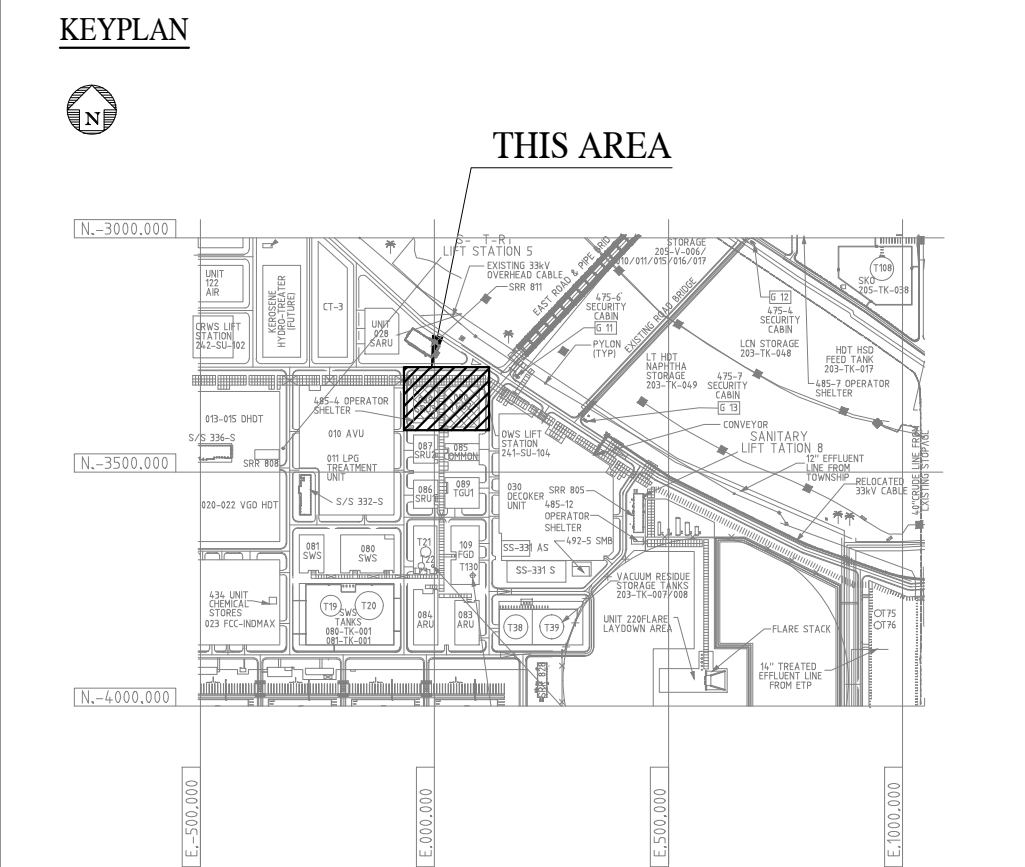
SHEET SIZE: A

THIS DOCUMENT OR ANY INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF INDIAN OIL CORPORATION LTD. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM INDIAN OIL CORPORATION LTD.



- GENERAL NOTES:
1. REQUIREMENTS SPECIFIED IN THIS DRAWING ARE MINIMUM THE SAME SHALL BE FURTHER DEVELOPED BY CONTRACTOR DURING DETAIL ENGINEERING ANY FACILITIES NOT SHOWN SPECIFICALLY OR FULLY BUT REQUIRED FOR COMPLETION OF THE JOB SHALL BE PROVIDED BY CONTRACTOR.
 2. ALL EQUIPMENT FOUNDATIONS, STRUCTURES FOUNDATIONS AND SUPERSTRUCTURE WITHIN BATTERY LIMIT (AS PER UNIT PLOT PLAN 080557C-088-DW-0051-001) SHALL BE BY LSTK CONTRACTOR.
 3. FOR UNDER GROUND FACILITIES, REFER DWG 080557C-088-DW-1425-001 SHEET 2 OF 3.

- LEGENDS:
- UNIT LIMIT
 - PIPE RACK
 - STRUCTURE
 - EQUIPMENT AT GRADE LEVEL
 - MISC PLATFORM
 - PACKAGE
 - MISC PLATFORM CUM SUPPORT STRUCTURE



E	12/06/2020	ISSUED FOR INFORMATION	TUN	ND	JPKKC	JMC
D	02/05/2020	ISSUED FOR INFORMATION	MD	ND	JPKKC	JMC
C	12/03/2020	ISSUED FOR INFORMATION	MD	ND	JPKKC	JMC
B	07/02/2020	ISSUED FOR INFORMATION	MD	ND	JPKKC	JMC
A	08/12/2019	ISSUED FOR INFORMATION	MD	ND	JPKKC	JMC
Rev	00-WH-1111	Description of Issue	Written by	Checked by	Approved by	Authorized by
DOCUMENT CATEGORY			DOCUMENT REVIEW STATUS (BY CLIENT)			
(USE 'X' MARK)						
<input type="checkbox"/> APPROVAL						
<input type="checkbox"/> REVIEW						
<input checked="" type="checkbox"/> INFORMATION						

PROJECT
STANDBY SRU & ADDITIONAL TANKS
IOCL PARADIP REFINERY, ODISHA, INDIA

OWNER
 INDIAN OIL CORPORATION LTD.

PMC
 TechnipFMC
CONFIDENTIAL, NOT TO DISCLOSE WITHOUT AUTHORIZATION

TITLE
SCOPE DRAWING FOR CIVIL
STRUCTURAL AND ARCHITECTURAL WORKS
SRU-3 WHB & INCINERATOR AREA
(UNIT -088 & 090) SOUTH OF CREEK

SCALE	080557C	DW	1425	001	PAGE	REV.
NTS	PROJECT	UNIT	DOC. TYPE	MAT. CODE	SER. NO.	
M					3/3	E